

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES UPGRADING THE EASTBOUND U.S. 40 HAZARD IDENTIFICATION BEACON TO A "SIGNAL AHEAD - PREPARE TO STOP WHEN FLASHING" WARNING DEVICE INTERCONNECTED TO THE CONTROLLER AT THE U.S. 40 AND MARIOTTSTVILLE ROAD INTERSECTION IN HOWARD COUNTY, MARYLAND. U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

U.S. 40 (BALTIMORE PIKE) AND MARIOTTSTVILLE ROAD

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING U.S. 40 AND MARIOTTSTVILLE ROAD POLE MOUNTED CABINET AND CONTROLLER SHALL BE USED AND A TELEMETRY INTERFACE PANEL INSTALLED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)

STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 624-8140

MS. ANDREA ABEND
DISTRICT UTILITY ENGINEER
PHONE: (301) 624-8115

MR. RAY JOHNSON
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 624-8105

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9000	1 EACH	TELEMETRY INTERFACE PANEL
9571	55 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF : <ul style="list-style-type: none">1 EACH W3-3(2) SIGN (BLK/FY) (120 IN. x 48 IN.) - MAST ARM MOUNT1 EACH ASSOCIATED SHIELD ASSEMBLY "TO, WEST, UP ARROW, INTERSTATE, EAST, RIGHT ARROW" (24 IN. x 90 IN.) - POLE MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8004	1 EACH	2 IN. BLIND COUPLING
8012	1 EACH	CONDUIT BEND IN EXISTING BASE
8017	1 EACH	REMOVE AND DISPOSE OF EQUIPMENT
8026	1 EACH	1315 L.F. 850 L.F. UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8044	5 EACH	3 EACH FURNISH AND INSTALL ELECTRICAL HANDHOLE
8046	55 S.F.	INSTALL OVERHEAD SIGN
8060	1 EACH	1475 L.F. 1545 L.F. ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
1 8024	1 115 L.F.	1 UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

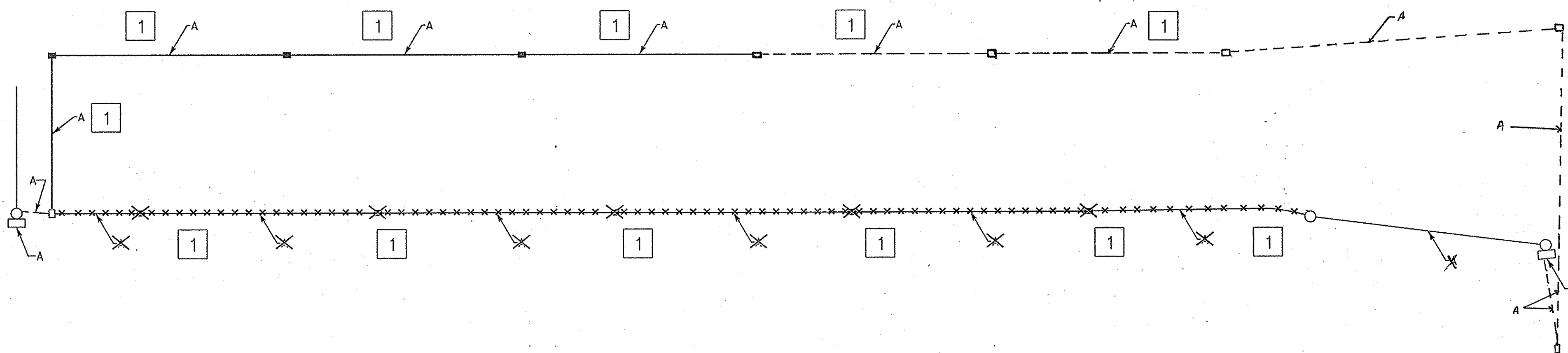
ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

SIGN DETAIL

SIGN NO. 17
(120" x 48")



WIRING DIAGRAM



WIRING KEY

A } 5-CONDUCTOR ELECTRICAL
CABLE (NO. 14 A.W.G.)

WR&A
Whitman, Requardt
and Associates, LLP
Engineers, Architects and Planners
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS
1 REDLINE REVISION NO. 1
SHEET REVISED
06/07

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 (BALTIMORE PIKE) AND
MARIOTTSTVILLE ROAD

GENERAL INFORMATION SHEET

SCALE NONE DATE 12/15/06 CONTRACT NO. AT9255185
DESIGNED BY J.RASMUSSEN COUNTY HOWARD
DRAWN BY J.RASMUSSEN LOGMILE 13004013.32
CHECKED BY N.LEARY TMS NO. H936
FAP NO. TOD NO.
TS NO. 1622H DRAWING TSP-2 OF 2 SHEET NO. 2 OF 2

PLOTTED: 06-21-2007
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